This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Not applicable	<p>Rodent, canine and human studies suggest intratumoral injection of spores from the attenuated strain of <i>Clostridium novyi</i> (<i>C. novyi</i>-NT) could help treat cancer. In rats with orthotopic glioma tumors, intratumoral injection of <i>C. novyi</i>-NT spores decreased tumor burden and increased survival compared with no injection. In 16 canines with spontaneous tumors, intratumoral injection of the spores caused 3 partial and 3 complete responses. In a human patient with advanced leiomyosarcoma, injection of the spores into a metastatic shoulder tumor decreased tumor burden compared with pretreatment levels. Ongoing studies include further characterizing the efficacy and safety of the treatment in a Phase I trial.</p> <p>SciBX 7(35); doi:10.1038/scibx.2014.1037 Published online Sept. 11, 2014</p>	Patented by The Johns Hopkins University; licensed to BioMed Valley Discoveries Inc.; available for sublicensing	<p>Roberts, N.J. <i>et al. Sci. Transl. Med.</i>; published online Aug. 13, 2014; doi:10.1126/scitranslmed.3008982 Contact: Saurabh Saha, The Sidney Kimmel Comprehensive Cancer Center at The Johns Hopkins University School of Medicine, Baltimore, Md. e-mail: ssaha@biomed-valley.com</p>